

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
13 October 2005 (13.10.2005)

PCT

(10) International Publication Number  
WO 2005/095369 A1

(51) International Patent Classification<sup>7</sup>: C07D 295/084,  
C07C 219/20, A61K 31/535, 31/4453, 31/221, 31/4965,  
31/222, 31/54, 31/40, 31/55, A61P 35/00

(21) International Application Number:  
PCT/EP2004/002090

(22) International Filing Date: 2 March 2004 (02.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant and

(72) Inventor: SALAMA, Zoser, B. [DE/DE]; Ansgarstrasse  
13, 13465 Berlin (DE).

(74) Agent: HERTIN ANWALTSSOZIETÄT; Postfach 15  
14 60, 10676 Berlin (DE).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-  
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,  
GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,  
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,  
ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

WO 2005/095369 A1

(54) Title: WATER SOLUBLE ESTERS OF [N-(4-AMINO-2-BUTYNYL)] WITH ANTICANCER ACTIVITY

(57) Abstract: The present invention relates to water soluble esters of [N-(4-amino-2-butynyl)] or 4-(N-substituted amino)-2-butynyl-1-esters and methods for production of said esters and the use of the esters for treatment of cancer.